

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/074454 A3(51) International Patent Classification:
G06F 19/00 (2006.01) G06F 7/00 (2006.01)

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(21) International Application Number:
PCT/US2004/039995

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(22) International Filing Date:
1 December 2004 (01.12.2004)

(81) Designated States (unless otherwise indicated for every kind of national protection available): AH, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EB, EG, ES, FI, GB, GD, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SL, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English
(26) Publication Language: English

(84) Designated States (unless otherwise indicated for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(30) Priority Data:

60/538,792 23 January 2004 (23.01.2004) US
10/783,968 21 February 2004 (21.02.2004) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US 10/783,968 (CON)
Filed on 21 February 2004 (21.02.2004)

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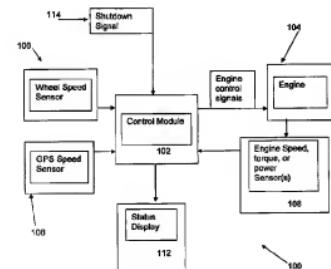
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

{Continued on next page}

(54) Title: IMPROVED VEHICLE STOPPING SYSTEM AND METHOD



(57) **Abstract:** A method of controlling a vehicle includes reducing a speed of the vehicle in response to a vehicle shutdown signal, monitoring at least one of a speed of the vehicle and a torque of an engine of the vehicle, determining whether the monitored at least one of the speed and torque is decreasing, if the monitored at least one of the speed and torque is not decreasing, enabling the engine of the vehicle to operate at a reduced power level, and stopping the vehicle when the monitored at least one of the speed and torque has reached a predetermined level. A control system for a vehicle includes a processor that reduces a speed of the vehicle in response to a vehicle shutdown signal. The processor monitors at least one of a speed of the vehicle and a torque of an engine of the vehicle and determines whether the monitored at least one of the speed and torque is decreasing. If the monitored at least one of the speed and torque is not decreasing, the processor enables the engine of the vehicle to operate at a reduced power level. The processor causes the vehicle to stop the vehicle when the monitored at least one of the speed and torque has reached a predetermined level. In addition, a computer-readable containing a computer program for controlling a vehicle.

A3

WO 2005/074454



— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report*

(88) Date of publication of the international search report:

29 March 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/39995

A. CLASSIFICATION OF SUBJECT MATTER

IPC(S) : G06F 19/00 (2007.01), 7/00 (2007.01)

US CL : 701/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 701/70

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WWW.GOOGLE.COM, WWW.HOWSTUFFWORKS.COM, WEST/DERWENT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,459,980 B1 (Takata ET AL.) 01 October 2002 (01.10.2002), the background, and the summary.	1-13
Y	US 2001/0055544 A1 (Walker) 27 December 2001 (27.12.2001), the abstract.	1-13
Y	US 2002/0157881 A1 (Balchholm et al.) 31 October 2002 (31.10.2002), see the entire document.	1-13
A,E	US 2005/0125134 A1 (Iwaduki et al.) 09 June 2005, see the entire document.	1-13
Y	US 2003/0225501 A1 (De La Salle et al.) 04 December . 2003 (04.12.2003), see the entire document.	1-13
Y	US 2001/016795 A1 (Bellinger) 23 August 2002 (23.08.2001), see the entire document.	1-13
X	US 6,072,248 A (Mules et al) 29 April 1997 (29.04.1997), the entire document, especially the abstract, column 2 lines 16-26, Figures 2C (refs. 4, 9), 4A-4C, claims 5, and 15; column 3 lines 53-59; column 2 lines 30-38; and column 5 lines 58-61.	1-13

<input checked="" type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
"A"	specific catalogues of cited documents	"P"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"C"	earlier application or patent published on or after the international filing date which may give the date of priority (date(s) or which is cited to establish the publication date of another document or other special reason (as specified)	"V"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

13 June 2005

Date of mailing of the international search report

18 DEC 2006

Name and mailing address of the ISA/US

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Form PCT/ISA/210 (second sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,363,999 A (Preikschat) 14 December 1982 (14.12.1982), see the entire document.	1-13